WORKOVER PROCEDURE

DATE:8/10/89

WELL & JOB: Seven Rivers Queen Unit #52 Convert to WTW

DRILLED: 1960

LAST WORKOVER: 4/88 Chem treated for SI BY: Ellis TD: 3866' FIELD: Eunice SRQ South PBD: 3847' DATUM: 10' RKB COUNTY: Lea, NM

CASING: SIZE 8-5/8" 4-1/2" **WEIGHT**24
9.5 GRADE unk J-55 <u>SET @</u> 270' 3866' SX CMT 200 1535 F F F

PERFORATIONS: 3654-3772'

TUBING: SIZE: 2-3/8" BTM'D @ 3800 est WEIGHT: 4.7# JOINTS: 129 MISC: GRADE: unk

THREAD: EUE 8rd

PACKER AND MISC: Details of CA unknown.

SCOPE OF WORK: Convert to water injection

PROCEDURE

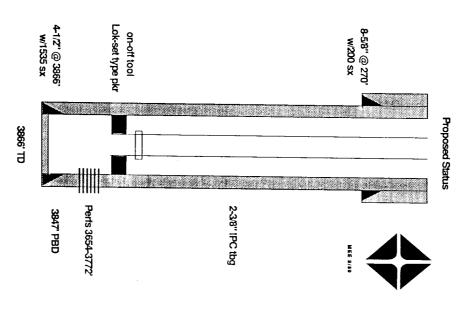
- Dig out wellhead. Plumb 5-1/2" x 8-5/8" ann to surf to monitor during injection operations.
- 2 MIRU PU. POH warehousing rods & pump. NU BOP. Tag PBD w/prdn tbg & strap out of hole. Examine prdn tbg to use as WS. If PBD is above bitm perf @ 3757', clean out as necessary.
- $\dot{\omega}$ RIH w/treating pkr on WS. Set pkr @ ±3550°. Test ann to 500 psi.
- Acidize perfs 3654-3772' w/5000 gals 15% NEFE HCL w/5% micellar solvent @ 4-6 bpm. MXP

- 2500 gals 15% NEFE HCL w/5% micellar solvent. 1100# GRS in 1100 gals 10 ppg gbw.
 2500 gals 15% NEFE HCL w/5% micellar solvent. Flush to TD w/formation water.

 Swab test until clean.

- 'n Rise pkr & POH LD WS.
- 6. RIH w/lok-set type pkr & on-off tool w/1.78" R nipple on 2-3/8" 4.7# J-55 EUE 8rd IPC tbg to ±3500'. Displace ann w/treated fresh water.
- Set pkr @ ±3500' & test ann to 500 psi. ND BOP. NU wellhead. Test ann to 500 psi.

Seven Rivers Queen Unit #52



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